REMARKS

Applicants respectfully request that the amendments be entered prior to examination of the application on the merits.

Respectfully submitted,

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By _____

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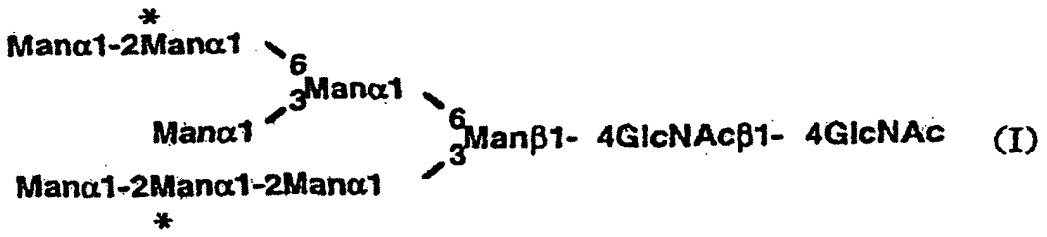
VERSION WITH MARKINGS TO SHOW CHANGES MADE

3. (Twice Amended) The yeast mutant according to claim 1 or 2, wherein the auxotrophic mutation trait is selected form ura3 mutation, his3 mutation, leu2 mutation, ade2 mutation, trp1 mutation, and can1 mutation.

7. (Twice Amended) A process for producing an oligosaccharide, comprising the steps of:

culturing the yeast mutant according to claim 1 or 2 in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide represented by formula (I):



(I)

wherein Man represents mannose, GlcNAc represents N-acetylglucosamine, and * represents a site capable of being phosphorylated, as an Asparagine-linked sugar chain, in the cultured product;

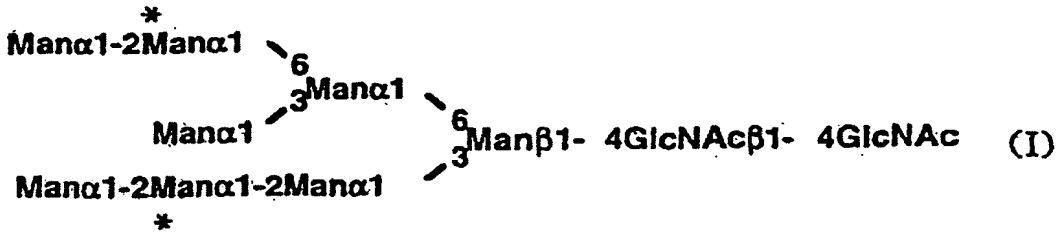
collecting the glycoprotein form the cultured product; and

recovering the oligosaccharide from the collected glycoprotein.

8. (Twice Amended) A process for producing a glycoprotein, comprising the steps of:

culturing the yeast mutant according to claim 1 or 2, in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide represented by formula (I):



(I)

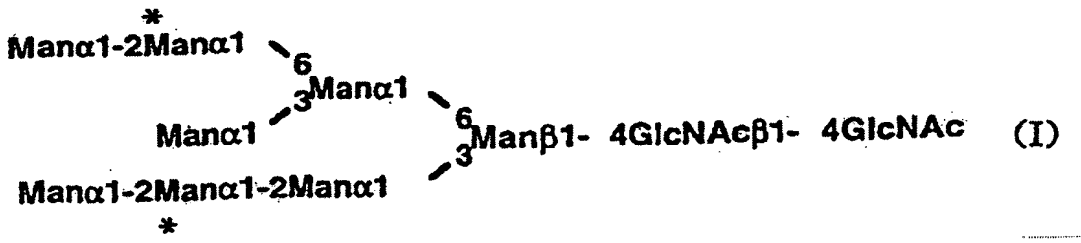
wherein Man represents mannose, GlcNAc represents N-acetylglucosamine, and * represents a site capable of being phosphorylated, as an Asparagine-linked sugar chain, in the cultured product; and

collecting the glycoprotein from the cultured product.

9. (Twice Amended) A process for producing a glycoprotein, comprising the steps of:

culturing the yeast mutant according to claim 1 <u>or 2</u>, which has been transformed with a recombinant plasmid containing a gene coding for a mammalian-derived Asparagine-linked glycoprotein in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide represented by formula (I):



(I)

wherein Man represents mannose, GlcNAc represents N-acetylglucosamine, and * represents a site capable of being phosphorylated, as an Asparagine-linked sugar chain, in the cultured product; and

collecting the glycoprotein from the cultured product.

11. (Twice Amended) A yeast mutant in which at least one gene associated with biosynthesis of a mammalian type sugar chain is introduced into the yeast mutant according to claim 1 **or 2**.

12. (Amended) A process for producing an oligosaccharide, comprising the steps of:

culturing the yeast mutant according to claim **[11] 10** in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide as an Asparagine-linked sugar chain in the cultured product;

collecting the glycoprotein from the cultured product; and

recovering the oligosaccharide from the collected glycoprotein.

13. (Twice Amended) A process for producing a glycoprotein, comprising the steps of:

culturing the yeast mutant according to claim **[11] 10** in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide as a Asparagine-linked sugar chain in the cultured product; and

collecting the glycoprotein from the cultured product.

14. (Twice Amended) A process for producing a glycoprotein, comprising the steps of:

culturing the yeast mutant according to claim **[11] 10**, which has been transformed with a recombinant plasmid containing a gene coding for a mammalian-derived Asparagine-linked glycoprotein, in a medium;

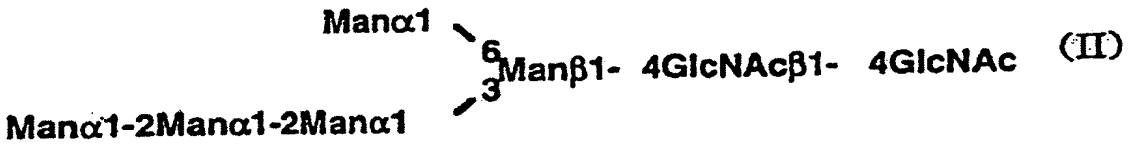
producing and accumulating a glycoprotein containing an oligosaccharide as an Asparagine-linked sugar chain in the cultured product; and

collecting the glycoprotein from the cultured product.

21. (Twice Amended) A process for producing an oligosaccharide, comprising the steps of:

culturing the yeast mutant according to claim 15 or 16 in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide represented by formula (II):



(II)

wherein Man represents mannose and GlcNAc represents N-acetylglucosamine, as an Asparagine-linked sugar chain, in the cultured product;

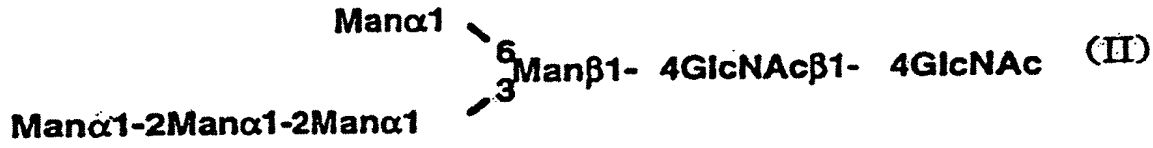
collecting the glycoprotein from the cultured product; and

recovering the oligosaccharide from the collected glycoprotein.

22. (Twice Amended) A process for producing a glycoprotein, comprising the steps of:

culturing the yeast mutant according to claim 15 or 16 in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide represented by formula (II):



(II)

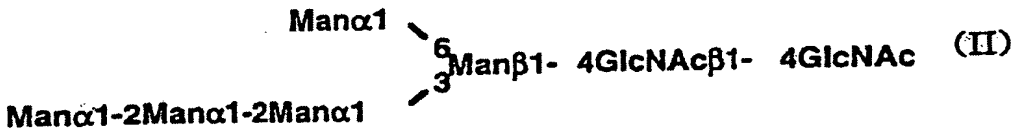
wherein Man represents mannose and GlcNAc represents N-acetylglucosamine, as an Asparagine-liked sugar chain, in the cultured product; and

collecting the glycoprotein from the cultured product.

23. (Once Amended) A process for producing a glycoprotein, comprising the steps of:

culturing the yeast mutant according to **[any one of claims 15 to 20]** claim 15 or 16, that has been transformed with a recombinant plasmid containing a gene coding for a mammalian-derived Asparagine-linked glycoprotein, in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide represented by formula (II):



(II)

wherein Man represents mannose and GlcNAc represents N-acetylglucosamine, as an Asparagine-linked sugar chain, in the cultured product; and

collecting the glycoprotein from the cultured product.

25. (Twice Amended) A yeast mutant in which at least one gene associated with biosynthesis of a mammalian type sugar chain is introduced into the yeast mutant according to claim 15 or 16.

26. (Twice Amended) A process for producing an oligosaccharide, comprising the steps of:

culturing the yeast mutant according to claim **[25]** 24 in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide as an Asparagine-linked sugar chain in the cultured product;

collecting the glycoprotein from the cultured product; and

recovering the oligosaccharide from the collected glycoprotein.

27. (Twice Amended) A process for producing a glycoprotein, comprising the steps of:

culturing the yeast mutant according to claim **[25]** 24 in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide as an Asparagine-linked sugar chain in the cultured product; and

collecting the glycoprotein from the cultured product.

28. (Twice Amended) A process for producing a glycoprotein, comprising the steps of:

culturing the yeast mutant according to claim **[25]** **24**, which has been transformed with a recombinant plasmid containing a gene coding for a mammalian-derived Asparagine-linked glycoprotein, in a medium;

producing and accumulating a glycoprotein containing an oligosaccharide as an Asparagine-linked sugar chain in the cultured product; and

collecting the glycoprotein from the cultured product.